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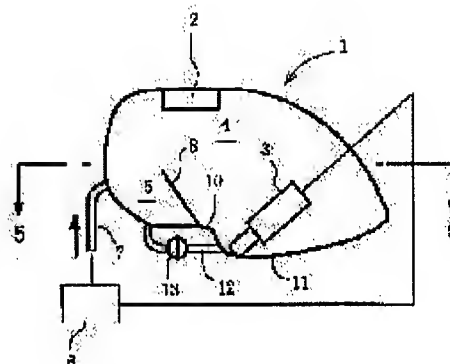
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(54) RESERVE STRUCTURE OF FUEL SUPPLY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To form a reserve chamber in a fuel supply device type having an injector.

SOLUTION: The internal front part of a fuel tank 1 is partitioned by a partitioning wall 8 from a main tank part 4, and a reserve chamber 5 is formed to constitute a space left open upward. The bottom of the reserve chamber 5 constitutes an upper stage 10 higher than the bottom of the main tank part 4, and the suction port of a fuel pump 3 is located in proximity of the bottom of the main tank part 4 near the upper stage 10, and the main tank part 4 near the fuel suction port communicates with the bottom parts of reserve chamber 5 through a reserve passage 12, and in the middle a fuel cock 13 is provided openably. The fuel in the tank 1 is fed to an injector 6 from the pump 3, while the surplus portion is as overflow fuel returned to the reserve chamber 5 in the fuel tank 1 via a return pipe 7. The fuel, overflowing from the reserve chamber 5, flows out of the top of the partitioning wall 8 into the main tank part 4. When the fuel in the main tank part 4 is consumed, the fuel cock 13 is opened, and from the bottom of the reserve chamber 5 the reserve fuel is supplied near the fuel suction port.



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